

A CATALOGUE OF THE BIRDS IN THE COLLECTION
OF THE BOMBAY NATURAL HISTORY SOCIETY — 39.
PLOCEINAE AND ESTRILDINAE¹

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(Contd from *JBNHS* 97(2): 234)

This part covers 386 specimens belonging to 23 species and subspecies up to Synopsis no. 1978a, in the HANDBOOK (Vol. 10, p. 120) and 2 extralimitals. We do not have specimens for 2 subspecies in the Collection.

1957 *Ploceus philippinus philippinus* (Linnaeus) (Philippines, *errore* - Ceylon). Baya weaver 3: 67

55: 29 males, 20 females, 6 unsexed.

1 Simla Hills, 1 Kesarvala, Dehra Dun, 4 Jagadri, Ambala, 2 Delhi, Meerut, 1 Bharatpur, 1 Hamavas lake, Pali Dt, 1 Chobari, Bhachan Dt, Kutch, 4 Changalra, 1 Bhuj, 2 Cambay City environs, Gujarat, 1 Mumbra, 1 Wada, 1 Thana, 1 Andheri, 1 Santacruz, 1 Borivli, 1 Caves, Salsette, 2 Powai lake, 1 Tulsi lake, 2 Jogeshwari caves, Salsette, 1 Karjat, 3 Poona, Deccan, 1 Satara, 1 Molem, Goa, 1 Karwar, 2 Kalai, Trichinappally, 1 Kurumba patty, Salem Dt, 3 Kumbum Valley, Kurnool Dt, 2 Kondila, Khandhara, 1 Barkul, Chilka lake, 1 Baramba, Orissa, 1 Dodi, Malwa, Bhopal, 2 Sonarpur, 2 Rudrapur, UP, 1 Calcutta market, 2 Baghownie, Tirhut.

Out of the 29 males, 15 are in full breeding plumage. One male in the month of May from Baghownie Tirhut, one in June from Poona, one each in July from Karwar, Karjat, Borivli, Andheri, 2 from Kalai, 1 from Trichinappally, 2 from Jagadri; in August 1 male each from Rudrapur, Meerut and Simla Hills and in September 2 males from Changarla Bhuj are breeding males.

Regn. No. 21228, an unsexed specimen from Poona presumably kept as a cage bird from 1958 to 1959, is very dark on the whole with an almost black head.

Measurements on p. 350.

1958 *Ploceus philippinus travancoreensis* Whistler (Kottayam, Travancore). Baya weaver 3: 67

2: 1 female, 1 unsexed.

1 Cherpu, Trissur, 1 Kuttani, Trivandrum, Kerala.

Measurements on p. 350.

The British Museum (Natural History), Tring, U.K. has five specimens, four males (1 juvenile) and a female, collected by Salim Ali and N.G. Pillai during the Travancore State Ornithological Survey in 1933. The localities are 1 Wadakkancheri, Trissur, 2 Backwaters, Kottayam, 1 Kuttani, 1 Cattle farm, Trivandrum.

The type specimen is a male moulting into breeding plumage (see note on page 453).

1959 *P.p. burmanicus* Ticehurst (Akyab). Baya weaver 3: 70

13: 9 males, 3 females, 1 unsexed.

2 Calcutta market, 1 Manjhaul, Monghyr Dt, Bihar, 1 Crawford Market (from Nepal), 1 Hasimara, 1 Rajabhatkawa, Duars, Jalpaiguri Dt, 1 Ronikata camp, Goalpara, 1 Dibrugarh, Assam, 1 *Maymyo*, *Mandalay Dt*, *U. Burma*, 1 *Ngaphaw*, *Prome Dt*, 3 *Mindon Chaung*, *Thayetmyo Dt*, *C. Burma*.

Most of the specimens of this group were wrongly identified.

There are four breeding males, one each from *Maymyo* (22.viii.1913), Calcutta market (5.vi.1900), Calcutta market (no date, brown bill) and Jalpaiguri (vi.1918). Three of them have black bills. All have golden yellow crown, but

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do not have yellow breast like *philippinus*. Yellow and deep brown streaks on the back of the nominate race is replaced by fulvous and brown streaks. The statement in the HANDBOOK (Vol. 10, p. 93) that the normal breeding plumage is largely suppressed, seems to be incorrect.

Measurements on p. 350.

1960 *Ploceus megarhynchus megarhynchus* Hume (Terai = Kaladoongi [sometimes Kaladhungi], below Naini Tal). Baya weaver 3: 69

23: 13 males, 9 females, 1 unsexed.

6 Bilaspur, 3 Rudrapur, Kumaon, 6 Calcutta market, 6 Crawford market, 1 Bombay zoo, 1 Agia, near Goalpara, Assam.

Regn. No. 19708, a male from Calcutta market has a blackish-brown gorget at the breast.

Larger with bigger bill than *philippinus*, back dark brown, rump deep yellow and lower back with brown and yellow streaks. Whole underpart, from chin to vent, is deep golden yellow. In non-breeding plumage very similar to *philippinus* except for larger size and bill. *philippinus* has head finely and sharply streaked and in *megarhynchus* the streaks are very faint.

Measurements on p. 350.

1960a *P.m. salimalii* Abdulali (Bhutan Duars). Finn's baya 3: 69

6: 3 males, 3 females.

3 Bhutan Duars, 2 Rajabhatkawa Duars, 1 Hasimara T.E., Jalpaiguri.

The key in the HANDBOOK (Vol. 10, p. 93) separating the two races seems to be incorrect, refer *JBNHS*, 57: 660. A female Regn. No. 6930, 26.vi.1925 has sharply streaked head like *philippinus*, but the larger bill makes it *megarhynchus*.

Measurements on p. 350.

1961 *Ploceus benghalensis* (Linnaeus) (Benghala). Black-breasted weaver 3: 72

24: 12 males, 10 females, 2 unsexed.

1 Chak Sukkur, 1 Jagadri, Ambala, 6 Rudrapur, Kumaon, 1 Sonaripur, Kheri Dt,

1 Sait, Kaira Dt, 1 Ajwa, Baroda, Gujarat, 4 Bombay market, 4 Patancheru, Medak Dt, Andhra Pradesh, 1 Benares, 1 Tirhut, 1 Darbhanga, 1 Mongyr Dt, 1 Margherita, Assam.

Measurements on p. 350.

The British Museum (Natural History), Tring has 94 specimens in their Collection including a breeding male from Bhandup, collected by A.O. Hume, the only record of this species for Bombay (=Mumbai). 20 male specimens are in full breeding plumage, 3 with white throat and face. Their localities extend from Upper Sind and NW India to Dibrugarh and Manipur (18 specimens).

There is confusion regarding the male breeding plumage of the species (*JBNHS*, 96: 187-194), and to clarify the issue DNA fingerprinting was carried out. I collected birds from Dehra Dun, Banaras, Bihar and Hyderabad in Andhra Pradesh and worked out their molecular systematics in Dr. Lalji Singh's laboratory at the Centre for Cellular and Molecular Biology (CCMB), Hyderabad, with some very interesting results, which will be published separately.

1962 *Ploceus manyar flaviceps* Lesson (Pondicherry). Streaked weaver 3: 73, 74

11: 9 males, 2 females.

2 Bahawal Nagar, Bahawalpur, 4 Jagadri, Ambala, 3 Rudrapur, Kumaon, 2 Bombay market.

Three males are in full breeding plumage. Heavy streaks on the breast are characteristic of this species.

Measurements on p. 350.

1963 *Ploceus manyar peguensis* Baker (Pegu). Streaked weaver 3: 75

8: 5 males, 2 females, 1 unsexed.

1 Ragon, 3 Dibrugarh, 1 Assam, 2 Kamaing, U. Burma 1 Prome, C. Burma.

No breeding male among them. As the key in the HANDBOOK (Vol. 10, p. 98) suggests these birds are appreciably darker than *flaviceps*.

Measurements on p. 350.

EL *Ploceus hypoxanthus hymenaicus* Deignan, Central Siam. Golden weaver bird
2: 1 male, 1 female.

The male is in non-breeding plumage. Both collected by J.K. Stanford from Prome, Burma on January 20, 1929.

Measurements on p. 351.

1964 *Estrilda amandava amandava* (Linnaeus). (Eastern India, restricted to Calcutta, West Bengal, by Baker). Red munia 3: 96
29: 18 males, 7 females, 4 unsexed.

1 Pithoro, Sind, 1 Jagadri, 1 Ambala, Punjab, 2 Delhi, 3 Meerut, 3 Hamawas lake, Pali Dt, 2 Jajja Abbasian, Bahawalpur, 4 Bhavnagar, Gujarat, 1 Murbad Road, Thana, 3 Bombay market, 2 Utnoor, Asifabad, Hyderabad, 2 Band, Orissa, 1 Chota Dungar, Basfar Dt, 1 Jaithari, Bhopal St, 1 Sarun, Bengal, 1 Goalpara, Assam.

Measurements on p. 351.

EL *Amandava amandava flavidiventris* (Wallace) (Timor & Flores). Burmese red munia
2: 1 male, 1 unsexed.

Both collected by J.K. Stanford from Henzada district of Burma in 1931.

1965 *Estrilda formosa* (Latham) (India). Green munia 3: 94
12: 5 males, 4 females, 3 unsexed.

1 Ganga Sagar, 2 Dediapada, Palanpur State, Gujarat, 2 Chikalda, Berar, 1 Kolkas, Melghat, Amravati, 1 Bailadila, Bastar district, 2 Sankrametta, 1 Valasapalli, Sileru, Vizag, 1 Cage bird (Bombay market), 1 no locality.

According to the HANDBOOK (Vol. 10, p. 103) and Grimmet *et al.* BIRDS OF THE INDIAN SUBCONTINENT, p. 827, females have fewer, obsolete bars or less prominent grey and white barrings.

We have five specimens (two males, two females and one unsexed) in adult plumage. The females and males are very similar in plumage including the blackish grey and white barring of the flanks. 42 specimens were examined in the Natural History Museum at Tring (British Museum). The barring on the flanks of 5 females

is as bright as those of the males. All of them cannot be wrongly sexed birds and further research is required to reach a conclusion regarding their plumage.

Measurements on p. 351.

1966 *Lonchura malabarica malabarica* (Linnaeus) (India). White-throated munia 3: 89
45: 22 males, 17 females, 6 unsexed.

3 Chitral, 1 Campbellpur, 1 Ambala, Punjab, 1 Hushwar Bagh, 2 Sitoni, Gidam, Kalat, Baluchistan, 1 Karachi, 1 Harunabad, Bahawalpur, 1 Delhi, 1 Meerut, 1 Kanpur, 2 Hamawas lake, Pali district, 1 Bharatpur, 1 Gwalior, 2 Jaithari, Bhopal, 1 Chanduva, 1 Bhuj, Kutch, 1 Bodeli, Baroda district, 1 Bhavnagar, 1 Golana, Camba, 1 Nasik, 1 Borivli, 1 Santacruz, 1 Juhu Salsette, 1 Sion mudflats, 1 Colaba, 3 Bombay, 1 Uran, Bombay harbour, 2 Satara, 1 Cumbum valley, Kurnool district, 2 Kodura, S. Cuddappa, 1 Wangalu Tank, Kavur, Nellore, AP, 1 Madras market, 1 Trichinapally, 1 Sarun, Bengal, 1 Nahar, Madhubani, 1 Wahir, 25 m SW of Khojdar.

Larger size, light brown upperparts and a buff throat separate these birds from *striata* which also has a whitish rump, but blackish-brown upper parts.

Measurements on p. 351.

1967 *Lonchura striata acuticauda* (Hodgson) (Nepal). White-rumped munia 3:84
18: 8 males, 8 females, 2 unsexed.

1 Ranibaug, Kumaon 1 Karnprayag, Garhwal, 1 Hai Bum, 1 Honka, W. Bhutan, 3 Singtam, Teesta Valley, 2 Dibrugarh, Assam. 1 Singaling, Kyaukse district, 1 Loi Wong, 1 South Shan States, 2 Thayetmyo, 1 Pyaung chaung, 1 Hurran village, Thayetmyo district, 1 Maymyo, Mandalay district, 1 Kyibin, Henzada district, Burma.

The fine streaks on the abdomen which separate this race from the rest are very faint or absent in some specimens. But it is not difficult to tell them apart in hand from *striata*, *semistriata* and *fumigata* with white abdomens.

A CATALOGUE OF THE BIRDS IN THE BNHS COLLECTION

TABLE 1

MEASUREMENTS OF THE BIRDS IN THE COLLECTION OF BNHS

	Wing (mm)	Bill (mm)	Tarsus (mm)	Tail (mm)
1957-1959 <i>Ploceus philippinus</i> subsp.				
Males				
1957 <i>philippinus</i> (29)	67-76 av. 71.2 (IH 70-77)	15.5-18 av. 16.7 from skull 17-20	19-22 av. 20.6 19-22	41-50 av. 45.4 43-52)
1959 <i>burmanicus</i> (9)	71-76 av. 74 (IH 72-78)	16.8-18.3 av. 17.5 from skull 18-20	21-23.2 av. 21.8 -	46-52 av. 48.8 49-53)
Females				
<i>philippinus</i> (21)	60-69 av. 63.8 (IH 66-74)	14-2-17.2 av. 15.4 from skull 17-20	18-21.5 av. 19 19-22	40-49 av. 41.6 41-51)
1958 <i>travancoreensis</i> (1)	66 (IH 73)	14 from skull 20	20.5 20	42 -)
<i>burmanicus</i> (3)	69,70,71 (IH 70-76)	17.5, 17.7, 18.9 from skull 17-19	20.6, 21.5, 22.5 -	44,46, 48 44-49)
1960 and 1960a <i>P. megarhynchus</i> subspp.				
Males				
1960 <i>megarhynchus</i> (12)	75-82 av. 78.5 (IH 69-80)	19.3-21.7 av. 19.2 from skull 22-23	22-25 av. 23.7 25	49-60 av. 55.3 56-60)
1960a <i>salimalii</i> (3)	76, 77, 83 (IH 80-82)	17.5, 17.9, 21.5 from skull c. 20	22, 22.5 (2) 23-26	50, 52, 59 57-59)
Females				
<i>megarhynchus</i> (9)	70-78 av. 74.1 (IH 66-74)	17-20.8 av. 18.8 from skull 21	21-24 av. 22.7 24	48-55 av. 51.6 54)
<i>salimalii</i> (3)	70, 74, 77 (IH 76-77)	17.5, 18.5, 19.5 from skull c. 20	21.7, 22, 22.5 23-24	44, 53, 54 c. 55)
1961 <i>Ploceus benghalensis</i>				
Males 12	63-72 av. 68.9 (IH 69-75)	15.5-17.5 av. 16.4 from skull c. 16	19.2-21.5 av. 20.6 c. 21	39-45 av. 41.5 38-45)
Females 9	67-71 av. 68.7 (IH 65-72)	13.5-16.7 av. 15.4 from skull c. 16	18.5-22 av. 20 c. 21	40-43 av. 41 38-45)
1962-63 <i>Ploceus manyar</i> subspp.				
Males				
1962 <i>flaviceps</i> (7)	71-74 av. 72 (IH m/f 66-72)	15.5-17.5 av. 16.4 from skull c. 18	19.5-21.4 av. 20.6 21-22	43-46 av. 44.7 41-44)
1963 <i>peguensis</i> (5)	68-73 av. 71.6	15.5-16.7 av. 16.2	19-22 av. 20.9	43-48 av. 45.6
Females				
<i>flaviceps</i> (2)	68, 70 (IH as in 1962)	15, 16	20, 21	40, 43
<i>peguensis</i> (2)	66, 70	15.5, 16.3	18.7 (2)	38, 42

A CATALOGUE OF THE BIRDS IN THE BNHS COLLECTION

TABLE 1 (contd.)
MEASUREMENTS OF THE BIRDS IN THE COLLECTION OF BNHS

	Wing (mm)	Bill (mm)	Tarsus (mm)	Tail (mm)
<i>EL Ploceus hypoxanthus hymenaicus</i>				
Male (1)	69	14.5	20.5	54
Female (1)	70	14.2	20.5	52
1964 <i>Estrilda amandava</i>				
Males (17)	46-49 av. 47.6 (IH 47-50)	9-10 av. 9.3 from skull 9-11	13-15 av. 13.6 12-13	33-39 av. 36.1 35-40)
Females (7)	46-50 av. 47.2 (IH 47-50)	8.5-9.8 av. 9.2 from skull 9-11	13-14.5 av. 13.7 12-13	33-38 av. 35.2 34-39)
<i>EL Amandava amandava flavidiventris</i>				
Male (1)	45	7.5	12.5	36
1965 <i>Estrilda formosa</i>				
Males (5)	47-49 av. 48 (IH 46-51)	8.5-10.5 av. 9.8 from skull 10-11	13-15 av. 13.8 13-15	35-38 av. 36 34-39)
Females (4)	47-49 av. 48 (IH 46-50)	8.9-10 av. 9.3 from skull 10-11	13.5-14 av. 13.8 13-15	36-38 av. 36.5 35-39)
1966 <i>Lonchura malabarica malabarica</i>				
Males (22)	52-58 av. 54.6 (IH 53-58)	8.5-11 av. 9.8 from skull 10-11	13-15 av. 13.8 13-15	36-53 av. 44.8 39-56)
Females (17)	52-56 av. 54 (IH 53-57)	9-10 av. 9.7 from skull 10-11	13-14.5 av. 13.6 13-15	36-48 av. 43.5 41-50)
1967-1970 <i>Lonchura striata</i> subsp.				
Males				
1967 <i>acuticauda</i> (8)	50-55 av 51.5 (IH 49-55)	9.6-10.5 av. 10.2 from skull c. 12	13.5-15 av. 14 14-15	37-44 av. 39.4 38-46)
1968 <i>striata</i> (11)	52-54 av. 53 (IH 51-56)	10.5-12 av. 11.1 from skull 12-14	13.5-14.5 av. 13.8 13-14	35-40 av. 37.5 35-42)
1969 <i>fumigata</i> (2)	50, 51 (IH m/f 48-51)	9.6, 10 -	14, 14.5 13-14	38, 41 42-45)
1970 <i>semistriata</i> (5)	47-50 av. 48.8 (IH m/f 48-51)	9.2-11 av. 10.2 -	12.5-15 av. 13.8 13-14	32-38 av. 35 38-40)
Females				
<i>acuticauda</i> (8)	48-54 av. 51 (IH 51-54)	10-11.3 av. 10.5 from skull c. 12	13-14.2 av. 13.8 14-15	38-44 av. 40.1 c. 40)
<i>striata</i> (7)	51-56 av. 53.5 (IH 53-57)	10.5-11.6 av. 11.2 from skull 12-14	13.5-15 av. 14.2 13-14	36-40 av. 38.5 35-39)

A CATALOGUE OF THE BIRDS IN THE BNHS COLLECTION

TABLE I (contd.)
MEASUREMENTS OF THE BIRDS IN THE COLLECTION OF BNHS

	Wing (mm)	Bill (mm)	Tarsus (mm)	Tail (mm)
Females <i>fumigata</i> (1)	51	10.5	13.5	42
<i>semistriata</i> (4)	47-49 av. 48.2	10-10.6 av. 10.2	13-14 av. 13.5	32-40 av. 35.2
1971, 1972 <i>Lonchura kelaarti jerdoni</i>				
Males (3)	56, 57 (2) (IH 56-59)	12.2, 12.5, 12.7 from skull 13-14	13.8, 14, 15 14-15	35, 37 (2) 37-43)
Females (4)	55-57 av. 55.7 (IH 57-59)	11-12 av. 11.5 from skull 13-14	14-15 av. 14.4 14-15	36-40 av. 37.2 36-39)
1974-75 <i>Lonchura punctulata</i> subsp.				
Males 1974 <i>punctulata</i> (28)	52-57 av. 55.7 (IH 54-58)	10-12 av. 11 from skull 12-13	11-16 av. 14.6 14-16	34-42 av. 37.2 32-45)
1975 <i>subundulata</i> (3)	53, 55, 56 (IH measurements)	7.5, 11.7 (2) as in 1974)	14.4, 15.5 (2)	34 (2), 40
Females <i>punctulata</i> (15)	54-59 av. 55.2 (IH 53-59)	9.5-12 av. 11.3 from skull 12-13	14.5-16.5 av. 15.3 14-16	33-40 av. 36 33-45)
<i>subundulata</i> (3)	53 (2), 55	10.5, 10.8 (2)	14.5, 14.9, 15	32, 35, 39
1976-78 <i>Lonchura malacca</i> subsp.				
Males 1977 <i>atricapilla</i>	53 (2), 54, 55 (Baker m/f 53-59)	10, 10.5 (2), 11	13.7, 16 (3)	31, 32 (2), 33
1978 <i>malacca</i> (11)	50-59 av. 55.4 (IH 55-59)	10.5-12 av. 11.6 from skull 13-14	15-16.5 av. 15.8 c. 16	30-39 av. 33 32-39)
Females <i>atricapilla</i> (1)	55	11	15.2	34
<i>malacca</i> (3)	55, 59, 60 (IH 53-56)	11.4, 11.6, 12.5 from skull 13-14	15.5, 16 (2) c. 16	31, 33, nil 31-36)
1978a <i>Padda oryzivora</i>				
Male (1)	68 (IH m/f 66-69)	15 from skull 17-18	19 18-19	42 46-47)

Furthermore, *fumigata* and *semistriata* are smaller.

Measurements on p. 351.

1968 *Lonchura striata striata* (Linnaeus)
Isle of Bourbon, *errone* = Ceylon. White-rumped
munia 3: 83

22: 11 males, 7 females, 4 unsexed.

2 Mahal, Surat Dangs, S. Gujarat, 1 Ratory,
Malad, 2 Trombay Is., 1 Thana Hills, Salsette,
1 Panvel, 1 Valpoi, Goa, 1 Santgal, N. Kanara,
2 Mercara, Coorg, 1 Kumili High Range, Kerala,
1 Manalur, Palni Hills, 2 Chettiri Range, Salem
district, 1 Sankrametta, 1 Dharakonda, Upper
Sileru, Vizagapatom, 1 Badrama, Bamra,
1 Ranipathar, Phulbani district, Orissa,
1 Bhopalpatnam, 1 Barsur, Bastar district, MP,
1 No locality (cage bird).

The distinct streaks on the back, larger size
and heavier bill separates this race from
semistriata and *fumigata*.

Measurements on p. 351.

1969 *Lonchura striata fumigata* (Walden)
(South Andamans). White-rumped munia 3:83
5: 2 males, 1 female, 2 unsexed.

2 Long Island, 1 Bakurtala, Middle
Andaman, 1 Pochang, 1 South Andaman.

Appreciably larger in hand than *semistriata*.
Streaks on upper parts very faint, also pale fringes
of breast feathers very faint or absent.

Measurements on p. 351, 352.

1970 *Lonchura striata semistriata* (Hume)
Nicobars. White-rumped munia 3: 84
10: 5 males, 4 females, 1 unsexed.

4 Camorta, Nicobar, 6 Car Nicobar.

All ten specimens were collected by the
late Humayun Abdulali in 1966 and 1976. They
are smaller than the birds of the other 3 races.
Pale rufous fringes of the breast feathers form a
scale-like pattern and streaks are clearly visible
on the back.

Measurements on p. 351, 352.

1971, 1972 *Lonchura kelaarti jerdoni*
(Hume) (Wynaad). Black-throated munia 3: 88
8: 3 males, 4 females, 1 unsexed.

1 Bombay market (No locality), 2 Bhatkar,
Karwar, 1 Santanpara, Cardamom Hills,
2 Tenmala, 1 Travancore, 1 Sankrametta, Vizag.

Measurements on p. 352.

1973 *Lonchura kelaarti kelaarti* (Jerdon)
(Ceylon). Black-throated munia 3: 89
nil.

1974. *Lonchura punctulata punctulata*
(Linnaeus) (Asia = Calcutta). Spotted munia 3: 91
57: 29 males, 15 females, 13 unsexed.

2 Kulu, 1 Basantpur, Bhajji, 2 Simla,
1 Simla Hills, 1 Solan, Bhagat, 1 Kalka,
1 Kandaghat, Patiala, NW Himalayas,
1 Ranigarh, Naini Tal, 1 Bhuguwda, Nepal,
2 Dediapada, Rajpipla, Gujarat, 1 Bijwar, Indore,
1 Sonawani, Balaghat, 2 Raipur, Melghat, Berar,
1 Golapalli, 1 Bailadila, Bastar, 1 Daulatbad,
Aurangabad, 2 Padgha, Thana Dt, 2 Manauri
Is., 2 Kalyan, Thana, 2 Mud Island, 1 Santacruz,
Salsette, 1 Jogeshwari caves, 3 Pali Hill, Bandra,
5 Andheri, 1 Panvel, 1 Khandala, 2 Ratnagiri,
1 Bhatkal, N. Kanara, 1 Nenmara, Cochin,
1 Kodaikanal, 2 Perumalmalai, Palni Hills,
1 Manalur, Palni Hills, 1 Kottagiri, Ooty,
1 Palkonda Hills, S. Cuddapda, 1 Koduru,
Cuddapda district, AP, 2 Nilgiri, 4 Keonjharharh,
Orissa.

Measurements on p. 352.

1975 *Lonchura punctulata subundulata*
(Godwin-Austen) (Manipur Valley). Spotted
munia 3: 92

8: 3 males, 3 females, 2 unsexed.

3 Dibrugarh, 1 Sonarupa Sanctuary,
1 Darang, Ranikalta camp, Goalpara, Assam,
1 Chimakothi, W. Bhutan, 2 Kanaung, Henzada
district, Burma.

The key in the HANDBOOK (Vol. 10, p. 113)
says that the nominate race distributed in the
greater part of India has fulvous undertail coverts
and thus can be separated from *subundulata* of
NE with almost white undertail coverts. In the
museum specimens, this difference is not
observed and they were separated based on the
localities. We have only eight specimens of

subundulata, three of them collected in 1901, one each in 1910, 1949, 1968 and two in 1930. Only 4 specimens are in adult plumage. With such a small sample, it is difficult to make any serious studies. However, these birds seem to be comparatively smaller than the nominate race.

The four specimens have brown scaling as mentioned by Grimmitt *et. al* in BIRDS OF THE INDIAN SUBCONTINENT (1998), p. 829. But older specimens of the nominate race also have brown instead of black scaling.

Measurements on p. 352.

1976 *Lonchura malacca rubroniger* (Hodgson) (Nepal). Black-headed munia 3: 81 nil

1977 *Lonchura malacca atricapilla* (Vieillot). (Les Grandes - Indes', restricted to Lower Bengal by Robinson & Kloss). Black-headed munia 3: 81 6: 4 males, 1 female, 1 unsexed.

1 Sadiya, Upper Assam, 2 North Lakhimpur, 1 Lakhimpur, 1 Guilong, Nr. Cachar, 1 *Maymyo, Burma*.

Measurements on p. 352.

1978 *Lonchura malacca malacca* (Linnaeus). ("China, Java and Malacca" *errore* = Belgaum, restricted by Baker 1926). Black-headed munia 3:78

20: 11 males, 4 females, 5 unsexed.

1 Thana, 2 Colaba, 3 Darmatar creek, Kolaba district, 1 Ratnagiri, 1 Karwar, 3 Belgaum, 1 N Kanara, 1 Thattakkadu, 1 Devikulam, 1 Karimulakkunnu, Travancore, 1 Periakulam, 2 Kodaikanal, TN, 1 South India, 1 No locality (Nellore AP?).

L.m. atricapilla with its chestnut upper belly and sides can easily be separated from the nominate race having the above mentioned parts white and also larger size.

Measurements on p. 352.

1978a *Padda oryzivora* (Linnaeus) (Java). Java sparrow

1 male, from Singapore.

Measurements on p. 352.

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